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PHOTO INTELLIGENCE MEMORANDUM

NORTH CHINA TARGET STUDY

GP/I-45

(Project 72.127)

November 1954

Declass Review by NIMA/DOD

CENTRAL INTELLIGENCE AGENCY
Office of Research and Reports

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NORTH CHINA TARGET STUDY

This report is in answer to a request from ORR/D/GG for photo intelligence studies on selected industrial, transportation, and utilities targets in Northern China. Aerial photos were procured, interpreted, and annotated. The accompanying graphics material was supplied to the requester with annotations in grease pencil. D/GC drafted the product in final form.

In addition to our original photo interpretation, existing P.I. reports, Target Information Sheets, mosaics, and other intelligence material was procured and supplied to the requester.

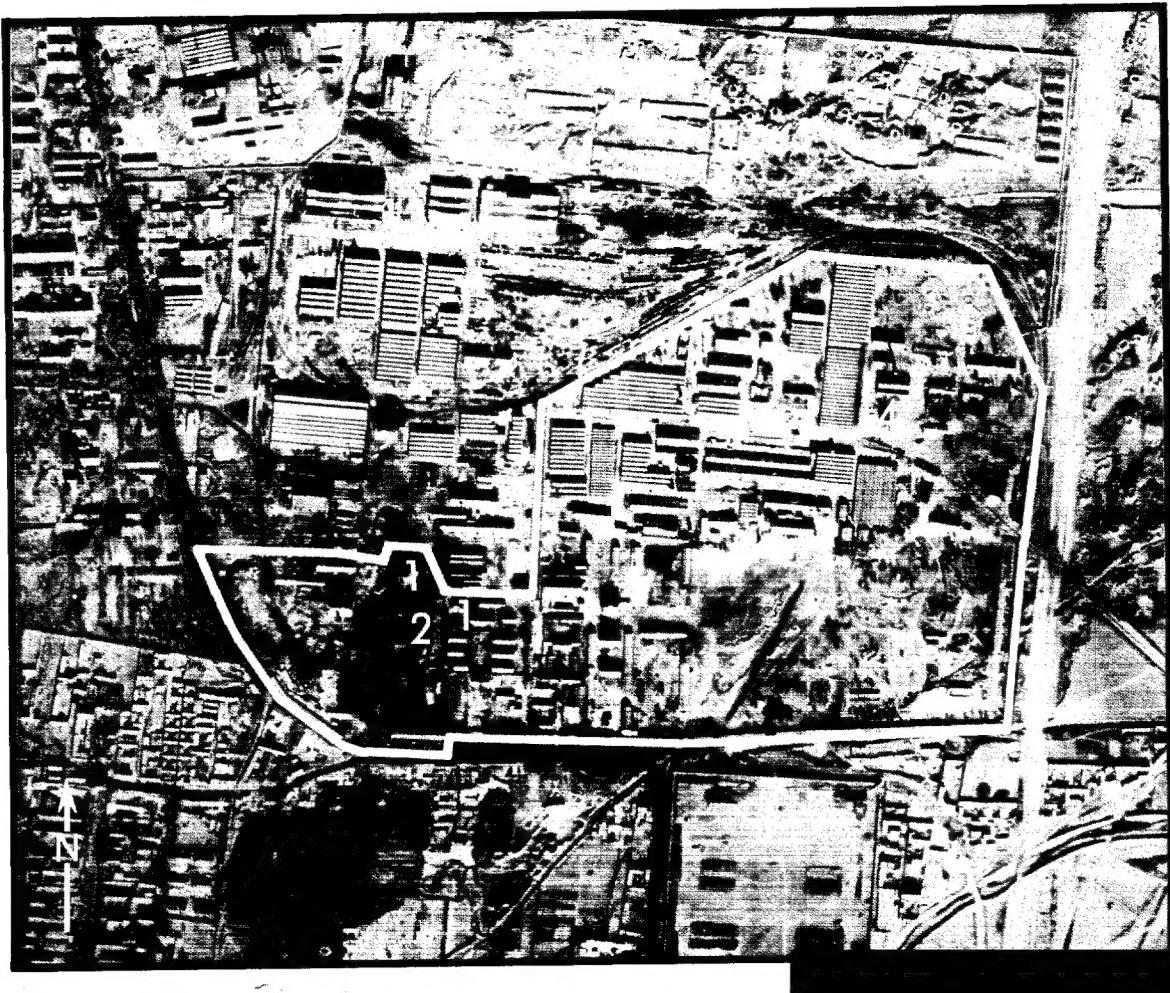
The results of this study formed a major portion of the Geographic Intelligence Report entitled North China Target Study, CIA/RR-GR-73, dated February 1955.

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Figure 1

T'AI-YÜAN ARSENAL

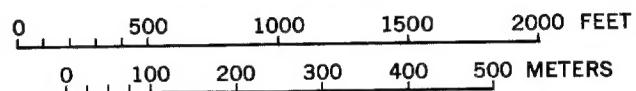
(37°54'N, 112°33'E)



- 1. Cooling towers
- 2. Powerhouse
- 3. Sub-assembly and assembly area
- 4. Foundry

25X1D

Scale 1:8900 (approx.)



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Figure 2

**TIENTSIN MOTOR VEHICLE
ASSEMBLY PLANT, WEI-TZE CANAL
(39°07'N, 117°10'E)**

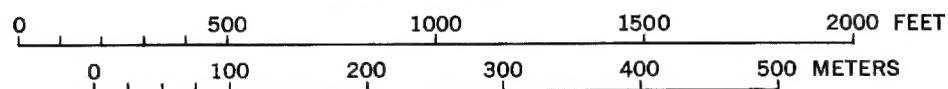


- 1. Vehicle sheds
- 2. Test track
- 3. Administration

- 4. Assembly and shops
- 5. Vehicles

25X1D

Scale 1:5550 (approx.)



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Figure 3

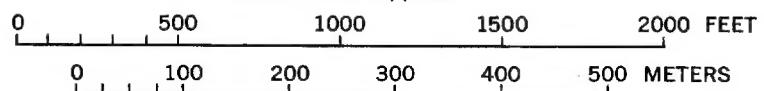
TSINGTAO RAILROAD MANUFACTURING AND REPAIR SHOPS

(SSU-FANG-36°06'N, 120°20'E)



- 1. Shop buildings
- 2. Assembly shop
- 3. Powerhouse
- 4. Car shops
- 5. Traverse table
- 6. Roundhouse
- 7. Locomotive shop
- 8. Administration

Scale 1:7150 (approx.)



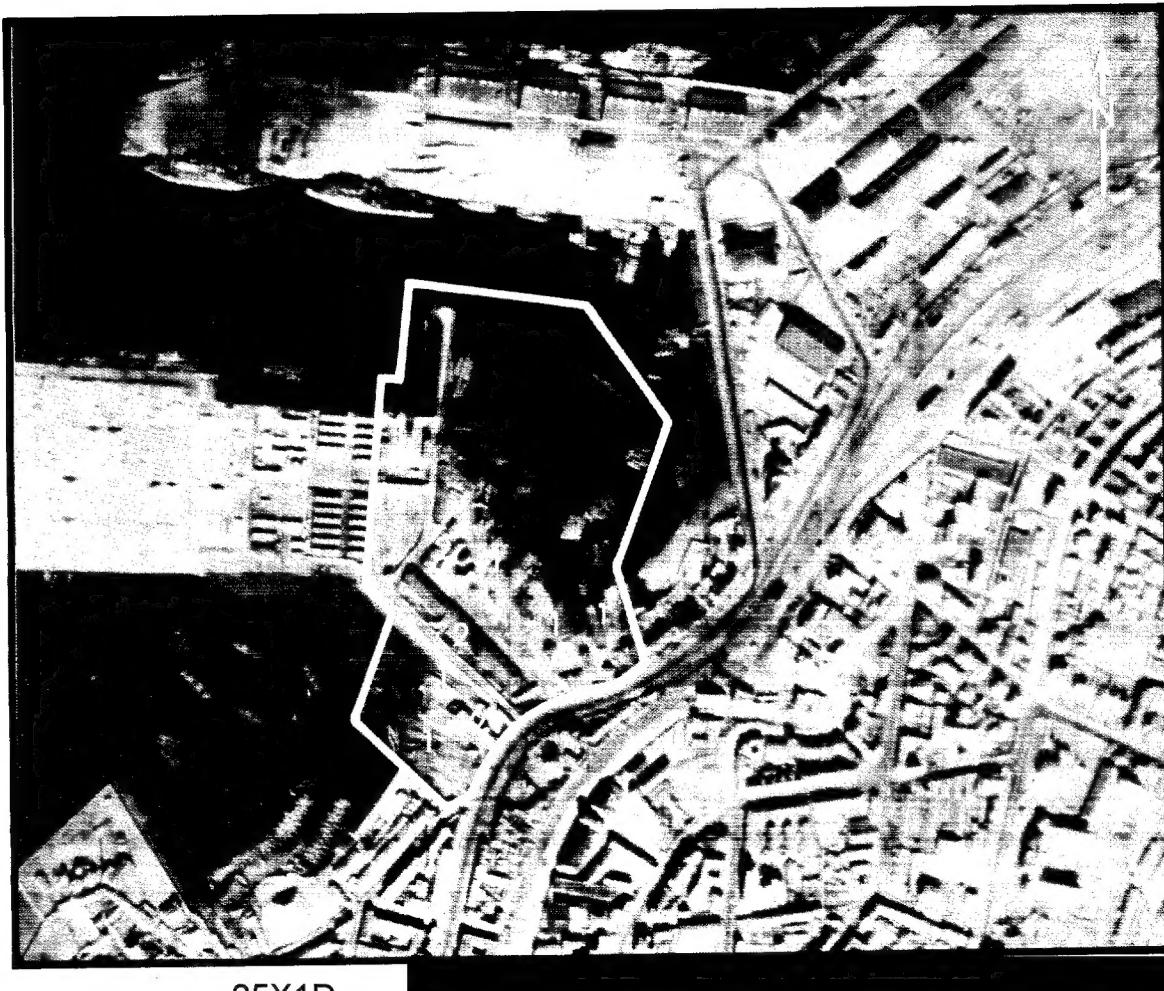
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Figure 4

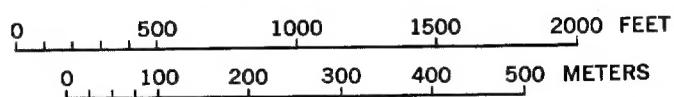
TSINGTAO SHIPYARD

(36°05'N, 120°19'E)



1. Marine railways
2. Repair shops

Scale 1:8300 (approx.)



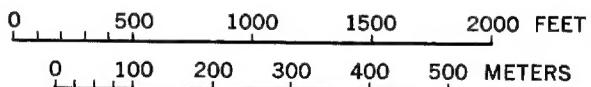
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T'ANG-KU (YUNG-LI) CHEMICAL PLANT
(39°01'N, 117°40'E)



1. Raw material storage	4. Soda ash production	7. Powerplant
2. Carbonating towers	5. Ammonium sulphate production	8. Coal stores
3. Water basins	6. Caustic soda production	9. Waste basin (probable)

Scale 1:9750 (approx.)



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Figure 6

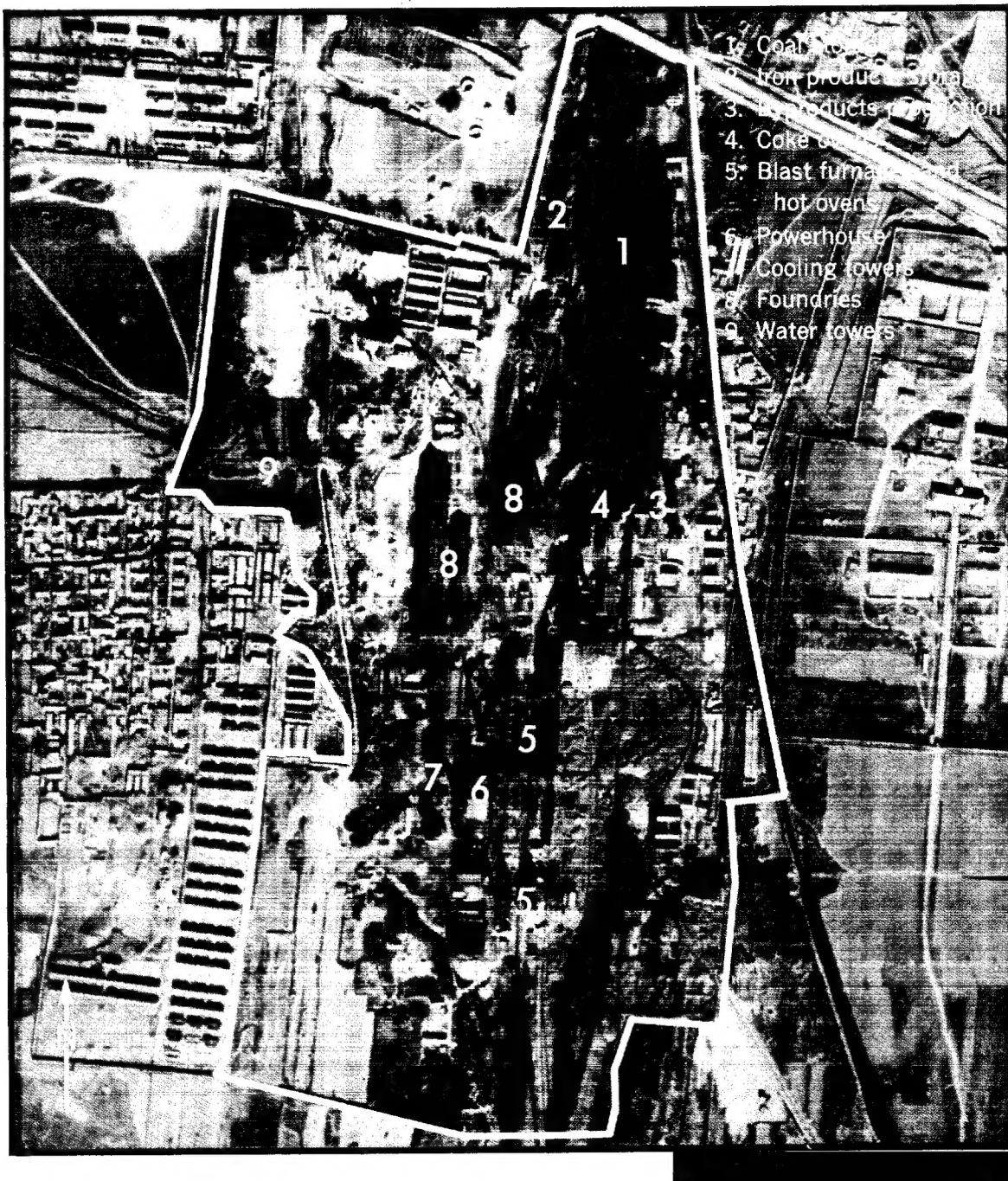
TSINGTAO RUBBER PRODUCTS PLANT,
"BRIDGESTONE"
(36°11'N, 120°22'E)



Scale 1:3350 (approx.)
0 100 200 300 400 500 1000 FEET
0 50 100 150 200 250 METERS

T'AI-YÜAN IRON WORKS

(37°52'N, 112°32'E)



Scale 1:7500 (approx.)

0 500 1000 1500 2000 FEET
0 100 200 300 400 500 METERS

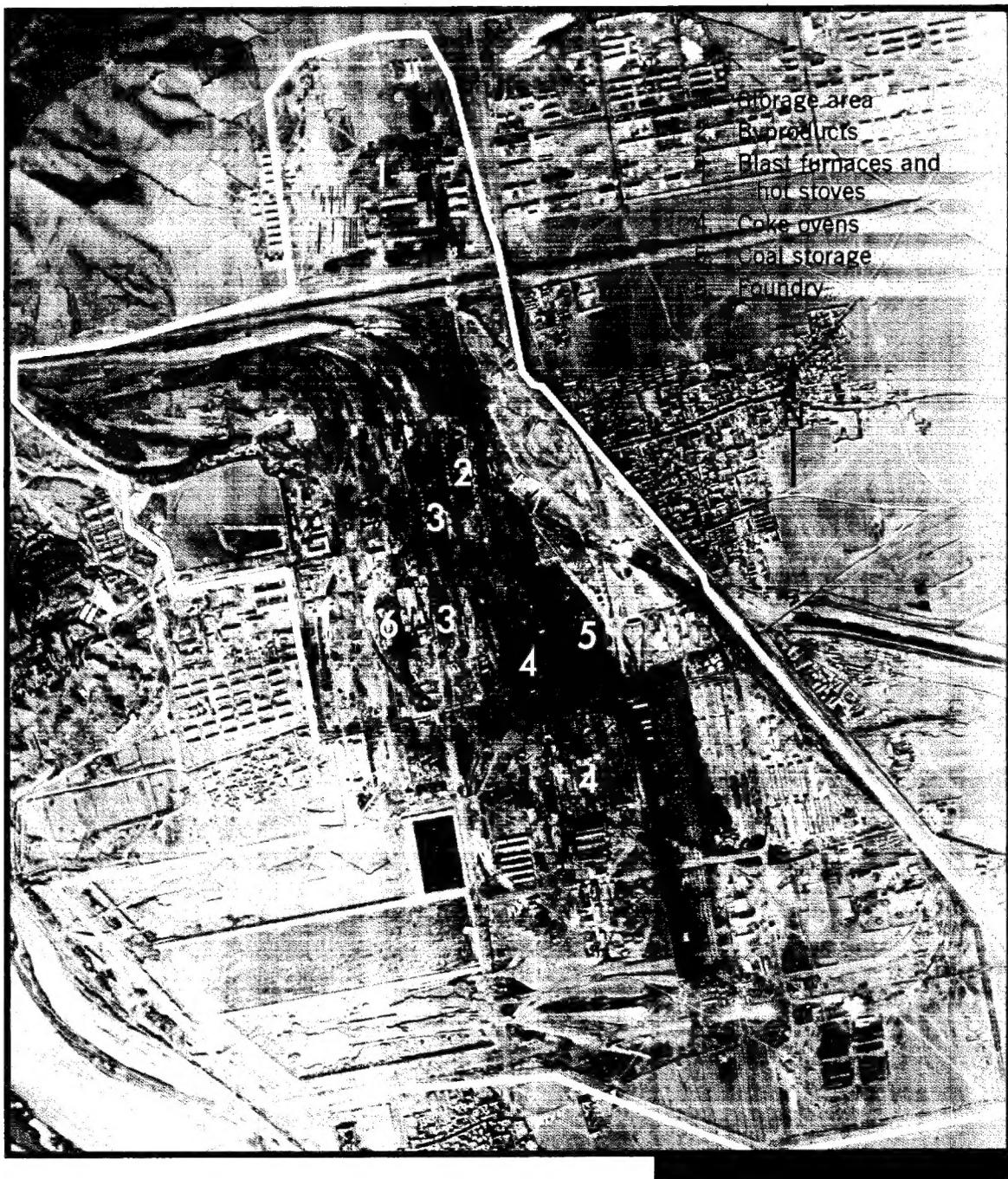
25X1D

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PEKING IRON WORKS

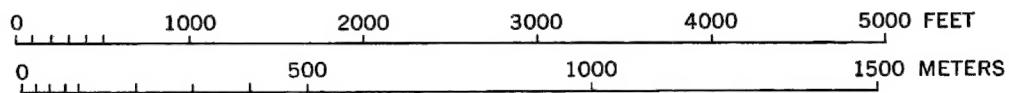
(SHIH-CHING-SHAN - 39°55'N, 116°10'E)

Figure 8



25X1D

Scale 1:13,300 (approx.)



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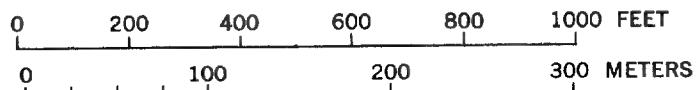
Figure 9

TIENTSIN No.1 THERMAL POWER PLANT,
"JAPANESE"
(39°07'N, 117°13'E)



1. Coal storage
2. Conveyor
3. Powerhouse
4. Pump house
5. Transformer and switch yard

Scale 1:4150 (approx.)



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Figure 10

PEKING THERMAL POWER PLANT (SHIH-CHING-SHAN - 39°55'N, 116°08'E)



- 1. Coal storage
- 2. Powerhouse
- 3. Transformer and switch yard

25X1D

Scale 1:5300 (approx.)

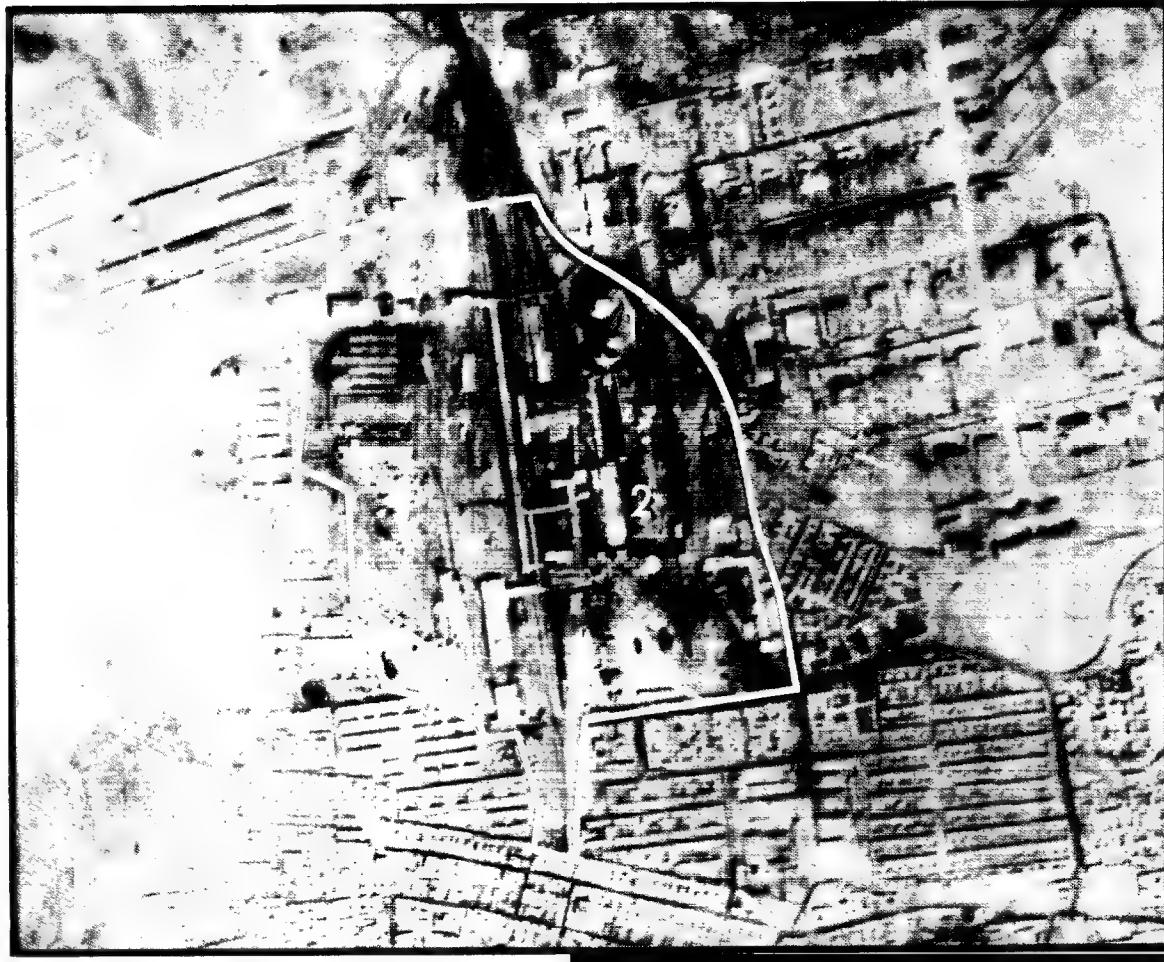
0 500 1000 1500 2000 FEET
0 100 200 300 400 500 METERS

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Figure 11

T'ANG-SHAN
THERMAL POWER PLANT
(LIN-HSI - 39°42'N, 118°27'E)



1. Cooling towers
2. Boiler house and control house

25X1D

Scale 1:7300 (approx.)

0 500 1000 1500 2000 FEET

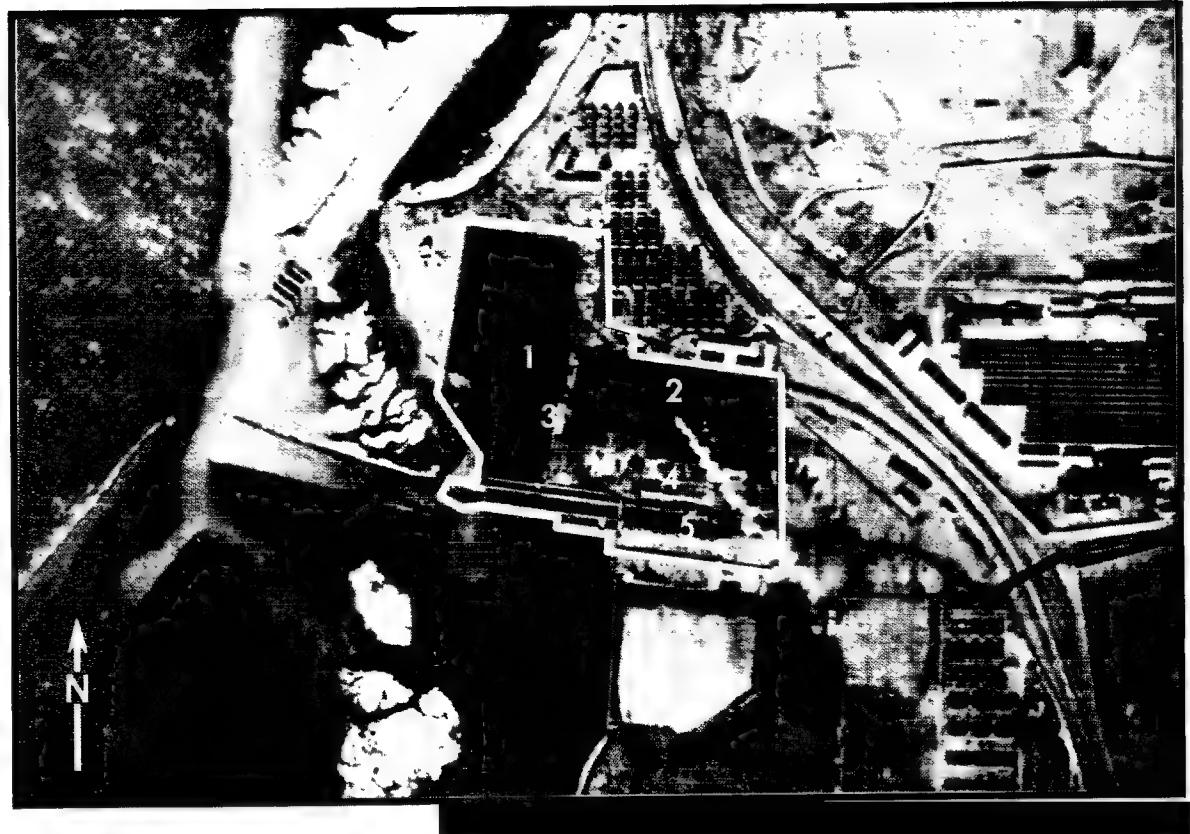
0 100 200 300 400 500 METERS

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Figure 12

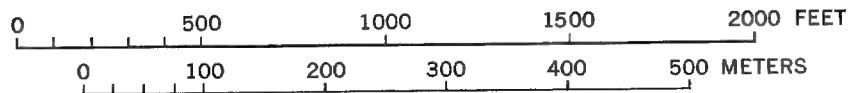
TSINGTAO THERMAL POWER PLANT (SSU-FANG - 36°07'N, 120°20'E)



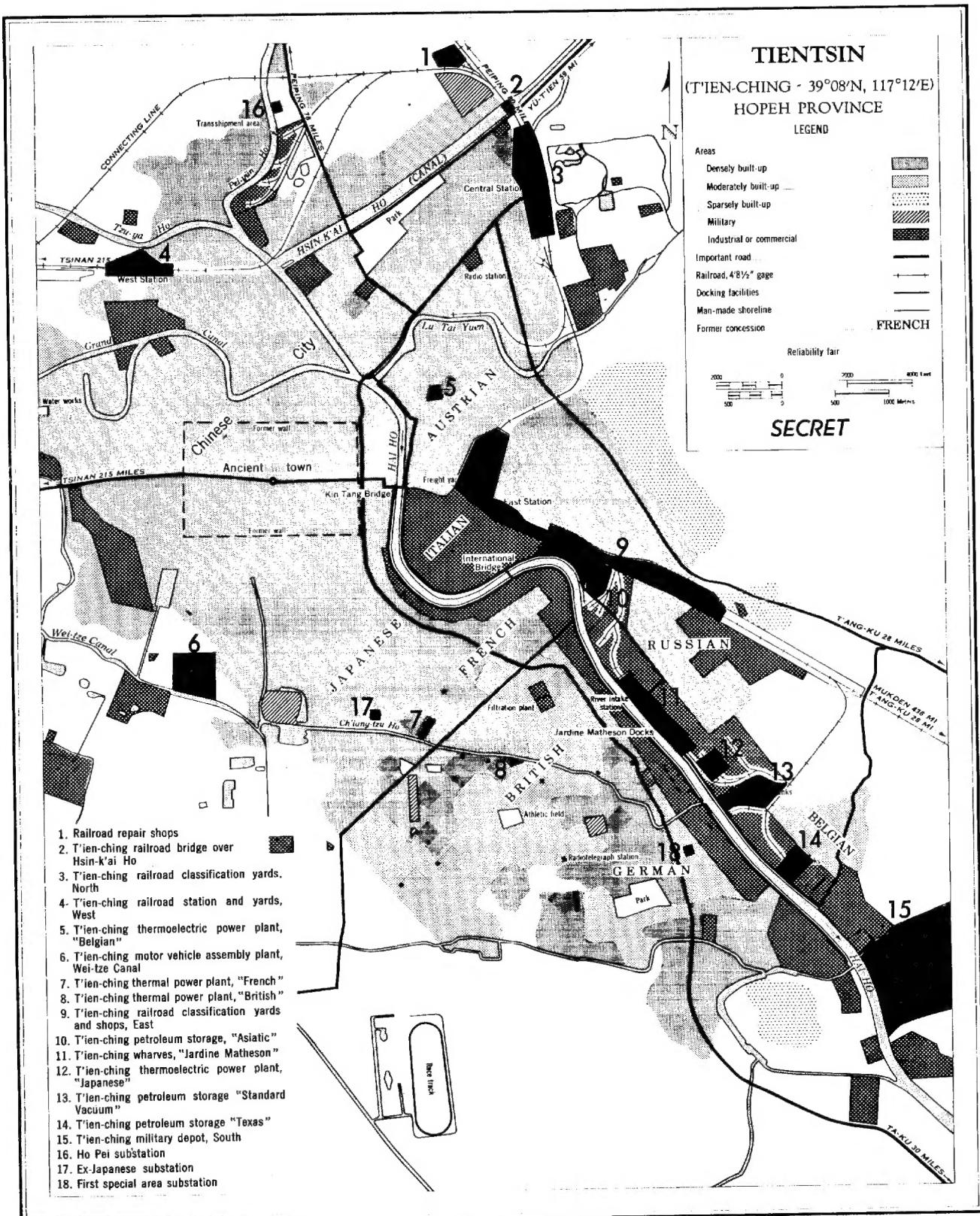
25X1D

1. Reservoir
2. Coal storage
3. Pump house
4. Powerhouse
5. Transformer and switch house

Scale 1:6300 (approx.)

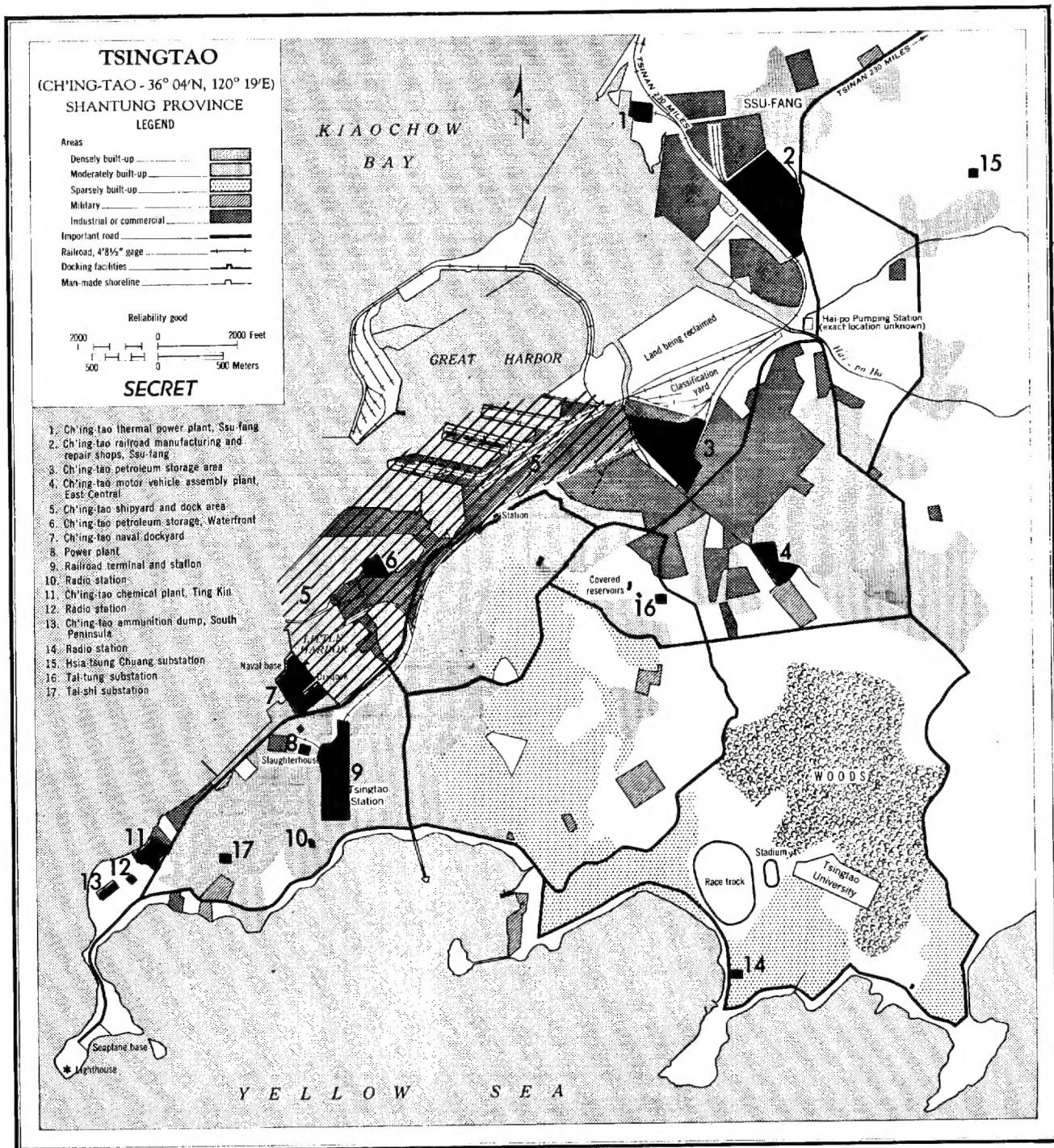


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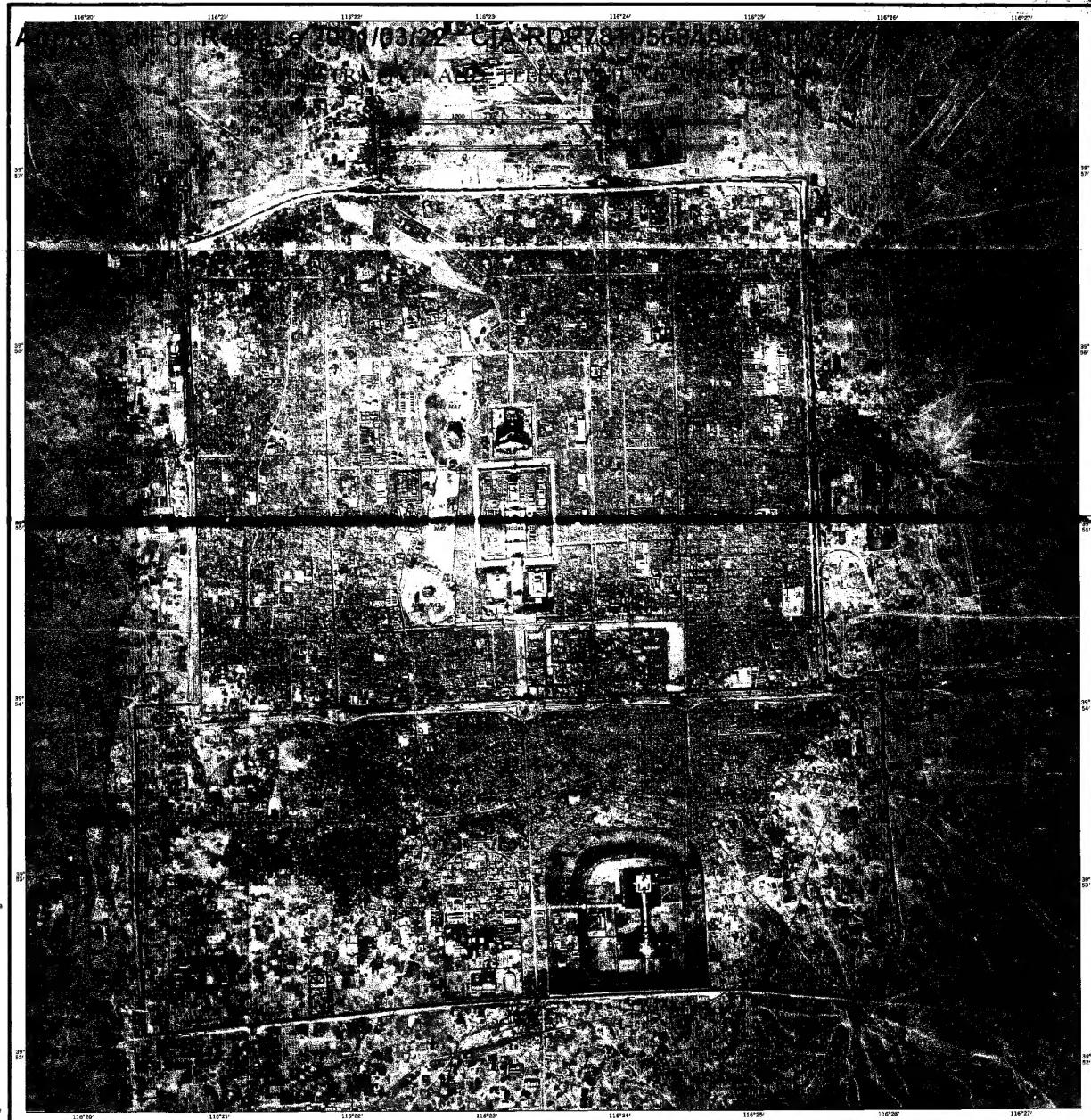


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KEY

KEY ADMINISTRATIVE TARGETS

TRANSPORTATION MINISTRIES
Central Intelligence Bureau
Central People's Government
State Council
Home Affairs Ministry
Ministry of Education
Ministry of Posts, Telegraph and Telephones,
and Postal Administration Bureau
Ministry of Light Industry
Ministry of Justice
People's Supreme Court and Ministry of Justice
Ministry of National Defense
Chinese Communists Air Force Headquarters
Ministry of Heavy Industry and Mining
Ministry of Communications
Public Safety Ministry and Public Peace Board
Ministry of (Foreign?) Trade
Ministry of Transport
People's Bank
Ministry of Foreign Affairs
Ministry of Food
Ministry of Agriculture
National Engineering and Printing Plant

Not located on map but mentioned in text

TELECOMMUNICATIONS TARGETS

1. Ma-Han Radio Broadcasting Station
2. North Telephone Exchange
3. East Telephone Exchange
4. Railroad Telephone Exchange
5. Telegraph Bureau
6. South Telephone Exchange
7. Central Telephone Exchange
8. Post Office and Telephone Exchange
9. Peking Central Broadcasting Station
10. West Telephone Exchange and Telegraph Office